

Listing Of Claims:

1-13 Cancelled

14- (original) A method for molding a dental material to a die in the preparation of a dental coping with the die having the shape of a tooth to be restored and with said dental material placed over said die, comprising the steps of: enclosing the die and dental material in a plenum chamber formed in a housing having an inlet opening adapted to be connected to a source of fluid for pressuring the chamber and at least one outlet opening in proximity to the die, mounting a tubular elastic member with one open end over said die to surround said die and dental material with the open end isolating the outlet opening(s) and die from the plenum chamber and pressuring the plenum chamber to cause said tubular elastic member to collapse about said die for uniformly applying pressure to adapt said dental material to the die.

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15- (original) A method as defined in claim 14 wherein said plenum chamber is pressurized to between 2 to 7 atmospheres.

16- (original) A method as defined in claim 15 wherein said tubular elastic member forms a secondary chamber surrounding said die and said outlet openings which is maintained isolated from the primary chamber.